

Abstract

The clock according to the invention has, as well as known elements, such as a minute hand (1), a second hand (2), a minute scale (4) and date display (3), an hour scale on a two loop curve (Pascal snail) (7) with an outer loop (8) for the hours of the day from 6 - 18 hours and the night-time hours from 18 - 6 hours, with a crossing point (6) of the two loops (8, 9) at 6/18 hours. To achieve unambiguous indication the hour hand (5) is made variable in length. In a second such curve (10) offset by a constant amount radially inwards with respect to the first curve (7), which for instance is milled in the form of a groove in the dial, a guiding element is moved azimuthally through the inner part of the hour hand (5), which receives an overlay of radial movement owing to the shape of the second curve (10). The second curve (10) with the guiding element is covered by a disc (11) joined to the inner part of the hour hand (5) and turning with it.

(Fig. 1)

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